

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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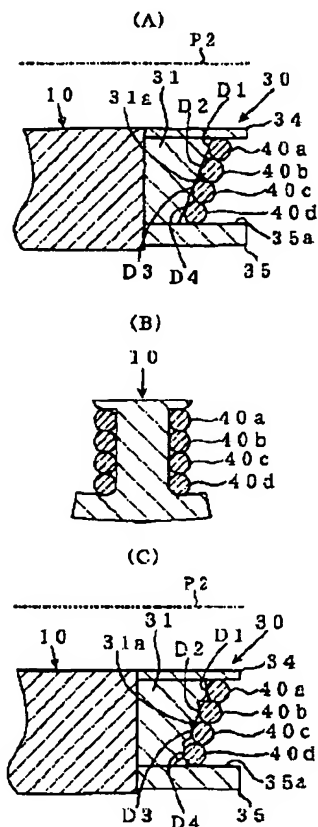
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APPLICANT : TOYODA MACH WORKS LTD;

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TITLE : MOTOR



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide a motor provided with an armature iron core which can be precisely wound with an armature winding without oscillating the armature winding.

**SOLUTION:** When a first turn 40a of an armature winding is wound around a most upper part D1 of a slant face 31a, the armature winding 40a slips down to a most lower part D4 of the slant face 31a and adheres closely to an inner wall 35a of a side plate 35 and the slant face 31a. Then, when a second turn 40b of the armature winding is wound around the most upper part D1, the armature winding 40b slips down to a second lower part D3, one step higher than the most lower part D4, and adheres closely to the first turn 40a of the armature winding and the slant face 31a. A third turn 40c and a fourth turn 40d of the armature winding are wound in like manner. As a result, the first to fourth turns 40a-40d of the armature winding are wound from the most upper part D1 to the most lower part D4, adhering closely to each other with no space nor overlapping between them.

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